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Title: JP3222257A2: MANUFACTURE OF LITHIUM ELECTRODE FOR LITHIUM BATTERY

Country: JP Japan

Kind: A

Inventor: NAGaura TORU;
YOKOGAWA MASAaki;
NAKAO TOSHIIHIKO;
SATO KATSUZO;

Assignee: SONY CORP.
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Published / Filed: 1991-10-01 / 1990-01-25

Application Number: JP1990000015768

IPC Code: [H01M 4/04](#); [H01M 4/64](#);

Priority Number: 1990-01-25 JP1990000015768

Abstract:

PURPOSE: To prevent the adhesion of lithium in a rolled state and the breakage of a lithium foil during operation up to battery assembly for efficient operation by press-attaching the lithium foil formed by extrusion directly to a metal collector foil before winding in a rolled state.

CONSTITUTION: A copper foil rolled substance 22 that a copper foil 21 is wound in a rolled state and an extruder 24 for a lithium foil 23 are prepared to have the one face of the copper foil 21, supplied from the copper foil rolled substance 22, and the desired-thickness lithium foil 23, extruded and molded from the extruder 24, faced in opposition, passed through a pair of pressure rollers 25, press-attached to each other and then wound in a rolled state. In this case, for making the lithium foil 23 thin up to a desired thickness, the lithium foil 23 from the extruder 24 is given cold rolling via 4-step rolls 26-29 and cold rolling mechanism 30. It is thus possible to prevent the adhesion of lithium in a rolled state and the breakage of the lithium during operation up to battery assembly for efficient operation.

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(11) Publication number:

03

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PATENT ABSTRACTS OF JAPAN(21) Application number: **02015768**(51) Intl. Cl.: **H01M 4/04 H01M 4/64**(22) Application date: **25.01.90**

(30) Priority:	(71) Applicant: SONY CORP
(43) Date of application publication: 01.10.91	(72) Inventor: NAGAURA TORU YOKOGAWA MASAOKI NAKAO TOSHIHIKO SATO KATSUZO
(84) Designated contracting states:	(74) Representative:

**(54) MANUFACTURE OF
LITHIUM ELECTRODE FOR
LITHIUM BATTERY**

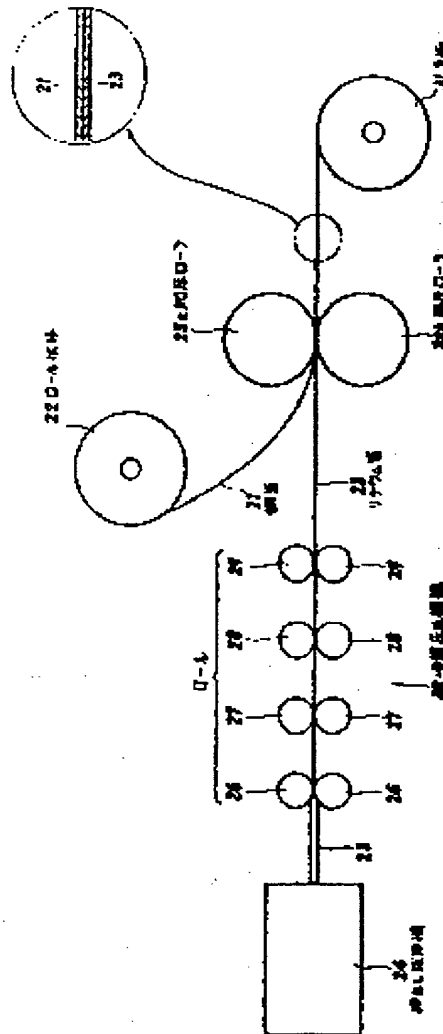
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